

Coluccio, Tina (DEQ)

From: Casey, Steve (DEQ)
Sent: Monday, November 21, 2011 5:10 PM
To: Coluccio, Tina (DEQ)
Subject: FW: Humboldt Mill Wastewater System Transfer of jurisdiction

Kennecott Humboldt Mill File

-----Original Message-----

From: Conroy, Randy (DEQ)
Sent: Monday, November 21, 2011 4:10 PM
To: Patrick Jacuzzo
Cc: Casey, Steve (DEQ); Maki, Joe (DEQ)
Subject: RE: Humboldt Mill Wastewater System Transfer of jurisdiction

OK, thanks Pat. I'll direct them to the Part 22 application process. However, they are not pursuing the engineering plan according to Jennifer Nutini.

If they do submit a construction permit application to you, please document the basis of design that your evaluation confirms is 10,000gpd or greater and refer them to WRD/Part 22. If the flows qualify for local health review under the Criteria and you deny gravity/mound/or variance system, please document the site limitations so we don't have to reinvent the wheel if they appeal to WRD. Randy

Randy Conroy
UP District Geologist
Water Resources Div - MDEQ
conroyr@michigan.gov

phone 906-346-8527
fax 906-346-4480
420 5th Street
Gwinn, MI 49841

-----Original Message-----

From: Patrick Jacuzzo [mailto:PJacuzzo@mqtcty.org]
Sent: Monday, November 21, 2011 3:22 PM
To: Conroy, Randy (DEQ)
Cc: Beauchamp, Karen (DEQ); Hill, Charles (DEQ); Thomas, Chuck (DEQ); Wolfe, Rob (DEQ); Fred Benzie
Subject: Humboldt Mill Wastewater System Transfer of jurisdiction

Hello Randy:

Our department had received a permit application for a commercial subsurface sewage disposal system and a Type II Non-transient Non-community water supply . Recently RioTinto representatives have been moving toward a initial site review.

As such, I recently did a preliminary review of the engineering plan on file . The projected potable water usage data for this operation is over 15,000 gallons per day at peak demand. As such, the waste water system should be over 10k gpd and would be in the jurisdiction of MDEQ. I have attached the water calculations from Foth Infrastructure and Environment LLC.

These plans and clacs are reportedly (by word of mouth of a RioTinto Representative) posed to change, due to planning changes at Kennecott, and a rumored to be on the increase in scope.

In preliminary review, this is a tricky site that may not meet the criteria for subsurface sewage disposal due to isolation to surface water, slopes, bedrock outcropping, 100 year flood plain of the west branch of the Black River and the intent to install de-watering drainage ditching on the site. Location and isolation to proposed Type II wellheads will further complicate this site.

As stated in the attached letter, our files regarding this project are available upon request.

Let me know if you have questions.

Patrick L. Jacuzzo, MS, REHS
EH Division Coordinator
Marquette County Health Department
184 US 41 East
Negaunee, MI 49866
(906) 475-4195